

1940

GS-4

SPECIALTY ORDERS

COVERING

SPECIALTIES TO BE APPLIED TO GS-4

CLASS LOCOMOTIVES AND 235-R-1

CLASS TENDERS

ON ORDER P-148

PLACED WITH

LIMA LOCOMOTIVE WORKS, INC.

1940



# LIST OF SPECIALTY ORDERS

FOR

GS-4 CLASS LOCOMOTIVES + 235-R-1 CLASS TENDERS ON  
ORDER P-148 PLACED WITH LIMA LOCOMOTIVE WORKS, INC.

P-148-1	Air Brake and Signal Eqpt.	P-148-117	Headlight Turbo Generator
P-148-2	Axles, Tender	P-148-118	Headlight Wiring Fixtures
P-148-3	Bearings, Engine, Trailing and Tender Trucks + Driving	P-148-119	Tank Hose
P-148-5	Brake Shoes	P-148-121	Mechanical Lubricator (DV-7)
P-148-8	Couplers	P-148-121-A	" " (DV-4)
P-148-15	Hand Brake	P-148-122	Piston Rod & Valve Stem Packing
P-148-101	Back Pressure Gages	P-148-123	Power Reverse Gear
P-148-102	Bell Ringer	P-148-124	Safety Valves
P-148-103	Boiler Tubes and Flues	P-148-125	Journal Lubricators
P-148-103A	" " " "	P-148-126	Sanders (Viloco)
P-148-103-B	" " " "	P-148-126A	" (Graham-White)
P-148-103C	" " " "	P-148-127	Signal Foam Meter
P-148-104	Boiler Drop Plugs	P-148-128	Smokebox Front Hinges
P-148-105	Booster Engines	P-148-130	Telltale Flexible Staybolts
P-148-106	Radial Buffers	P-148-131	Steam Gages
P-148-107	Sleeve Joints	P-148-132	Steam Heat Gages
P-148-108	Main Crank Pins	P-148-133	Steam Heat Reducing Valves
P-148-109	Cylinder Cocks	P-148-134	Superheater and Throttle Equipment.
P-148-110	Dial Thermometers	P-148-135	Tank Level Indicators
P-148-111	Engine Trucks	P-148-136	Tires, Driving and Trailing
P-148-112	Front Draw Castings	P-148-137	Trailing Trucks
P-148-113	Axles, Driving, Engine and Trailing Truck	P-148-138	Water Gages
P-148-114	Feedwater Equipment, Injector, Etc.	P-148-139	Wheels, Engine Truck
P-148-115	Feedwater Heater Equip- ment	P-148-139T	Wheels, Tender
		P-148-140	Wrenches
		P-148-140-A	Packing Hook & Iron
		P-148-141	Valve Pilot
		P-148-142	Tire Retaining Clips
		P-148-143	Tender Steam Heat Equipment
		P-148-145	Headlight Cases
		P-148-146	Air Whistles
		P-148-146-B	Steam Whistle Valves
		P-148-147	Journal Box Lids
		P-148-148	Steam Heat Stop Valves
		P-148-149	Oil Distributors Four Way



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Westinghouse Air Brake Co.  
1101 Mason Building  
San Francisco, California

Order No. P-3421 Pg 1

August 8, 1940

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.  
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive and Tender Sets of Air Brake and Air Signal Equipment, in accordance with Specialty Specification SSL 191 modified as follows for application to 20 Locomotives, Class GS-4, and 20 tenders, Class 235-R-1.

Page

- 2 Omit 2 Westinghouse Air Brake Company's Pc. No. 507894  
1" Three Way Cocks for Intercooler
- 2 Change 1 Westinghouse Air Brake Company's Pc. No. 510769  
1" Air Filter to 1 Westinghouse Air Brake Company's Pc. No. 513550 1-1/4" Air Filter with drain cock and reinforced flanged fittings (M.R. line)
- 3 Change 1 Westinghouse Air Brake Company's Pc. No. 508479  
1" x 1" x 1" Branch Pipe Tee to 1 Westinghouse Air Brake Company's Pc. No. 511544 1-1/4" x 1" x 1" Branch Pipe Tee with reinforced flanged fittings (M.R. to D.V.)
- 3 Change 1 Westinghouse Air Brake Company's Pc. No. 513616  
1" cut-out cock to 1 1-1/4" cut-out cock, side vented with reinforced flanged fittings and governor union connections (M.R.)
- 6 Change 2 Westinghouse Air Brake Company's Pc. No. 513724  
16" x 12" UAMS Brake Cylinders to 4 12" x 10" Type "U" Truck Mounted Brake Cylinders
- 6 Add 2 Westinghouse Air Brake Company's Pc. No. 511911 7/8" x 27" Armored Hose with 3/4" threaded and Union Nipples
- 7 Change 1 Westinghouse Air Brake Company's Pc. No. 508119 to 1 Westinghouse Air Brake Company's Pc. No. 512618 Electro-Pneumatic Master Controller.

CONTINUED

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

Order No. P-148-1 Pg 2

Westinghouse Air Brake Co.  
1101 Natson Building  
San Francisco, California

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

**PRICE:** To be \$3853.86 per Locomotive and Tender Set F.O.B. Delivered  
Shipment from Wilmerding, Pa.

**BID:** SPL 235-1 **TERMS:** Net Cash

**TAXES:** Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

**INSPECTION:** All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

**DELIVERY:** Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Tender Sets Nov. 1st - 4 Tender Sets per week thereafter

4 Loco. Sets Dec. 2nd - 4 Loco. Sets per week thereafter

**MARKING:** For identification purposes all shipments on this order are to be marked: "S.P.E. Co. Order No. P-148-1 Lima Locomotive Works Order No. C.O. 1152".

**SHIPPING NOTICES:** Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

**WEIGHT:** Estimated Shipping Weight per Locomotive and Tender Set 9800#.

(SGD) G.M. BETTERTON  
Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Standard Steel Works Divn.  
Baldwin Locomotive Works  
c/o Latham McMullin  
Russ Bldg.  
San Francisco, Calif.

Order No. P-148-2

August 8, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.  
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Tender Sets of Tender Axles for application to 20 Tenders, Class 235-R-1 in accordance with A.A.R. Spec. M-104 Latest Revision Class "A" and Drg. BL-18762-C.

Each Tender Set to consist of the following:

Six (6) Tender Truck Axles (7" x 14" journals)

Axles to be furnished rough turned only.

Microscopic Test to be made by you.

**PRICE:** To be \$588.32 per Tender Set F.O.B. Delivered  
Shipment from Burnham, Pa.

**BID:** SPL 235-2 **TERMS:** 1/2% 10 Da.

**TAXES:** Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

**INSPECTION:** All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

Two copies of Mill Test Report to be sent to Mr. Geo. McCormick, Attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif., one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's plant and one copy to be attached to your invoice.

**DELIVERY:** Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Nov. 1st

4 Sets per week thereafter

**MARKING:** For identification purposes all shipments on this order are to be marked: "S.P.E. Co. Order No. P-148-2 Lima Locomotive Works Order No. C.O. 1152".

**SHIPPING NOTICES:** Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

**WEIGHT:** Estimated shipping weight  
per Tender Set 9300#.

(SGD) G. M. BETTERTON  
Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENTMagnus Metals Corporation  
6135 So. Riverside Drive,  
Los Angeles, California.

Order No. P-148-3 Pg 2

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

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DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

10 Locomotive Sets October 15th  
10 Locomotive Sets November 1st  
4 Tender Sets November 1st  
4 Tender Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-3 Lima Locomotive Works Order No. C.O. 1152"

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated Shipping Weight per Locomotive and Tender Set 3644#

(SGD) G. M. BETTERTON  
Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Magnus Metals Corporation,  
6135 So. Riverside Drive,  
Los Angeles, California.

Order No. P-148-3 Pg 1

August 8, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

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20 Locomotive and Tender Sets of Engine Truck, Driving and Trailing Truck and Tender Truck Journal Bearings, for Locomotives, Class GS-4, Each Locomotive set to consist of the following:

Four (4) Engine Truck Journal Bearings (7 1/2" x 14") Pattern No. LB 8557 per drwg. CL-18049 B

Six (6) Driving Journal Bearings (12" x 14") Pattern No. LB 7840 per drwg. BL-16481 M

Two (2) Driving Journal Bearings (13" x 14") Pattern No. LB 7842 per drwg. BL-16481 M

Two (2) Trailing Truck Journal Bearings (Front 7" x 14") Pattern No. LB 8556 per drwg. CL-18049 B

Two (2) Trailing Truck Journal Bearings (Rear 9" x 14") Pattern No. LB 8562 per drwg. CL-18049 B

Each Tender set to consist of the following:

Twelve (12) Tender Truck Journal Bearings (7" x 14") Pattern No. LB 10014 per drwg. BL-18051E

Driving Journal Bearings to be furnished rough and finished by Locomotive Builder. Engine, trailing and tender truck journal bearings to be of the Satco self-cooling oil tube type and to be furnished finished and ready for application.

PRICE: To be \$672.52 per Locomotive and Tender Set F.O.B. Delivered. Shipment from Chicago, Ill.

BID: SPL 235-3 TERMS: Net Cash

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

CONTINUED

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

American Brake Shoe & Foundry Co.  
Russ Bldg.,  
San Francisco, California.

Order No. P-148-5 Pg. 1

August 8, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

- 20 Locomotive and Tender Sets of Brake Shoes for Locomotives, Class GS-4, and Tenders, Class 235-R-1. Each locomotive and Tender Set to consist of the following:
- 8 - Driver Brake Shoes, Patt. No. L.I.-10173, for 80" Dia. drivers, in accordance with drawing B.L.-16711-C.
  - 2 - Trailer Brake Shoes, Patt. No. L.I.-10172, for 45-1/2" Dia. trailer wheel, in accordance with drawing B.L.-16710-C.
  - 4 - Engine Truck Brake Shoes, Patt. No. L.I.-10222 for 36" Dia. engine truck wheel in accordance with drawing B.L.-16813.
  - 24 - Tender Brake Shoes, Pattern No. P.I.-2840, for 36" Dia. tender wheel in accordance with drawing BP-21630-A.

**PRICE:** To be \$44.09 per Locomotive & Tender set F.O.B. Delivered.  
Shipment from Toledo, Ohio**BID:** SPL 235-5 **TERMS:** Net Cash**TAXES:** Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.**INSPECTION:** All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.**DELIVERY:** Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

- 4 Tender Sets November 1st
- 4 Tender Sets per week thereafter
- 4 Locomotive Sets December 2nd
- 4 Locomotive Sets per week thereafter

**MARKING:** For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-5 Lima Locomotive Works Order No. C.O. 1152"

CONTINUED

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENTAmerican Brake Shoe & Foundry Co.,  
Russ Building  
San Francisco, California.

Order No. P-148-5 Pg. 2

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc.  
Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Rm. 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated Shipping Weight Per Locomotive and Tender Set 1368#

(SGD) G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

National Malleable & Steel Castings, Co.,  
% J. J. Byers,  
Monadnock Building,  
San Francisco, California.

Order No. P-148-8

August 8, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of A.A.R. Type "E" Couplers, per A.A.R. Spec. M- 204- 39,  
for application to 20 locomotives, Class GS-4 :-  
Each locomotive requires one A.A.R. Type "E" Coupler, complete as per  
drawing AI 16702 B

PRICE: to be \$31.65 per Locomotive Set F.O.B. Delivered.  
Shipment from Melrose Park, Ill.

BID: SPL 235-8 TERMS: Net Cash

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

Two copies of Mill Test Report to be sent to Mr. Geo. McCormick, Attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif., one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's plant and one copy to be attached to your invoice.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets December 2nd

4 Sets Per Week Thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-8 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I.C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market St., San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated Shipping Weight per Locomotive Set 410#.

(SIGNED) G M BETTERTON

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

C O P Y

G. M. BETTERTON,  
PURCHASING AGENTW. H. Miner, Inc.  
667 Rookery Bldg.,  
Chicago, Ill.

Order No. P-148-15

August 8, 1940

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Tender Sets Miner Ideal Heavy Duty Motor Sets in accordance with Drawing S. 1. 1. 501 for 20 sets and 20 Tender Sets Class 235-P-1. Each tender requires one set of parts complete. Pattern D-2024.

PRICE: To be \$12.75 per Tender Set F.O.B. Delivered  
Shipment from Benton Harbor, Mich.

BID: SPL 235-15 TERMS: Net Cash

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets November 1940

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-15 Lima Locomotive Works Order No. C.O. 11524".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I.C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Tender Set 40#.

(SGD) G.M. BETTERTON  
Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Locomotive Equipment Division,  
Manning, Maxwell & Moore, Inc.,  
Chrysler Building,  
New York City, N. Y.

Order No. P-148-101

August 8, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.20 Locomotive Sets of Back Pressure Gages, 6-in. dia. combined steam chest and back pressure gage, Type 1045, per attached drawing, CL-17963 C. graduated 0-500 lbs. Working steam pressure to be 400 lbs. per sq. in. Gauge to have Iron Case and Brass Ring.PRICE: To be \$23.90 per Locomotive Set F.O.B. Delivered.

Shipment from Cincinnati, Ohio.

BID: SPL 235-101 TERMS: Net Cash.TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets December 2nd

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-101 Lima Locomotive Works Order No.C.O.1152"SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn Mr. L.C.Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market St., San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.WEIGHT: Estimated shipping weight per locomotive Set 10#

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G. M. BETTERTON  
Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Order No. P-148-102

August 8, 1940

Transportation Devices Corporation,  
Indianapolis, Indiana

Please supply the articles named below and send them to Lima Locomotive Works, Inc.  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets Transportation Devices Corp. Internal Quick Acting Bell Ringers, in accordance with drawing C. 18267, for application to 20 locomotives, Class C. C-4, each requiring one bell ringer.

**PRICE:** To be \$14.25 per locomotive Set F.O.B. Delivered.

Shipment from Indianapolis, Ind.

**BID:** SPL 235-102 **TERMS:** Net Cash

**TAXES:** Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

**INSPECTION:** All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

**DELIVERY:** Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

5 Sets December 2nd  
5 Sets December 9th  
5 Sets December 16th  
5 Sets December 26th

**MARKING:** For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-102 Lima Locomotive Works Order No. C.O. 1152".

**SHIPPING NOTICES:** Send in triplicate to Lima Locomotive Works, Inc. Attn. Mr. I.C. Brenellinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

**WEIGHT:** Estimated shipping weight per Locomotive Set 13#.

(SGD) G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O R D

Order No. P-148-103

August 9, 1940

Please supply the articles named below and send them to L. M. Locomotive Works, Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

- 4 Locomotive sets Hot Finished Seamless Steel Locomotive Boiler Tubes and Superheater Flues, for application to 20 locomotives, Class G.S.-4. Each Locomotive requires 49 tubes 2-1/4" outside Dia. No. 10 B.W.G. 21' - 7-1/2" long and 198 Flues 3-1/2" outside Dia. No. 10 B.W.G. 21' - 7-1/2" long, swaged at one end in accordance with Drawing C.L.-13792-J and A.A.R. Spec. No. 208-39.

PRICE: To be \$1450.00 per Locomotive Set as delivered  
Shipment from Allentown, Pa.

MID: SPL 235-103

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

Two copies of Mill Test Report to be sent to Mr. Geo. McCormick, Attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif., one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's plant and one copy to be attached to your invoice.

DELIVERY: Material on this order is required at Builder's Plant on Nov. 1, 1940.

MARKING: For identification purposes all shipments on this order are to be marked: S.P.E.Co. Order No. P-148-103 Lima Locomotive Works Order No. C.C. 1-103.

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. J.C. Brendlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notices to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Cal. Shipping Notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 27,048 lbs.

(Sgd) G. M. BETTERTON

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

C O P Y

G. M. BETTERTON,  
PURCHASING AGENTJones Laughlin, Inc. Corporation,  
Standard Oil Building,  
328 Sixth Street,  
San Francisco, California.

Order No.

1 173-103-A

August 9, 1940

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.

Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

- 4 Locomotive Sets Hot Finished Seamless Steel Locomotive Boiler Tubes and Superheated Flues, for application to 20 locomotives, Class G.S.-4. Each locomotive requires 49 tubes 2-1/4" outside Dia. No. 10 B.M.G. 21" 7-1/2" long and 198 Flues 3-1/4" outside Dia. No. 10 B.M.G. 21" 7-1/2" long, swaged at one end in accordance with drawing C.L. 13791-7 and A.A.R. Spec. M-108-39.

PRICE: To be \$1450.00 per Locomotive Set F.O.B. Delivered.  
Shipment from Pittsburgh, Pa.

BID: SPL 235-103

TAXES: Material covered by this order is to be used in the fabrication of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

Two copies of Mill Test Report to be sent to Mr. Geo. McGowan, Attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif., one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's Plant and one copy to be attached to your invoice.

DELIVERY: Material on this order is required at Builder's Plant on Nov. 15, 1940.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E. Co. Order No. 1-148-103-A Lima Locomotive Works Order No. 1152"

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 27,048#.

(SCE) G M BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Steel & Tubes, Inc.  
Rialto Building,  
San Francisco, Calif.

Order No. P-148-103-B

August 9, 1940

Please supply the articles named below and send them to  
Lima Locomotive Works, Inc.  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

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- 4 Locomotive Sets Hot Finished Seamless Steel Locomotive Boiler Tubes and Superheated Flues, for application in 20 locomotives, Class G.S.-4. Each locomotive requires 48 tubes 21' - 7-1/2" long and 198 Flues 3-1/2" outside Dia. No. 10 B.W.G. 21' - 7-1/2" long, swaged at one end in accordance with drawing C.J. 13792-J, and A.A.R.Spec. M-108-39.

PRICE: To be \$1476.58 per Locomotive Set F.O.B. Delivered  
Shipment from Cleveland, Ohio.

BID: SPL 235-103 TERMS: 2% 10 Da. on B.P.V. of \$1403.37 Set

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore, no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

Two copies of Mill Test Report to be sent to Mr. Leo McCormick, Attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif., one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's plant and one copy to be attached to your invoice.

DELIVERY: Material on this order is required at Builder's Plant on Nov. 15th.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-103-B Lima Locomotive Wks. Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I.C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market St., San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 27,048#.

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G. M. BETTERTON

Purchasing Agent.



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August 9, 1942

U.S. DEPARTMENT OF AGRICULTURE  
WASHINGTON, D.C.

**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

Shipment from IL to CA = \$0

[illegible]

Two copies of Mill Test Report to be sent to the New York City, 1100  
Madison Avenue, 10th Floor, New York, N.Y. 10017. One copy to be sent  
to the Department of Building's Chief Inspector at the City Building's Plans and  
copy to be attached to your invoice.

DATE/EST. Lat. and Lon. on this order. The Lat. and Lon. will be placed in a separate file with the oil stock delivery schedule.

4 Sets 1 week:

## Seta Notable

WEIGHT For identification purposes a  
marked: S. S. Co. Order No P-112-100-C  
SHIPPING INSTRUCTIONS Send in triplicate to  
J. C. Brantlinger, Purchasing Agent. Lim  
be sent to the undersigned at Rm. 952  
Shipping. Boxes to show package marks  
initials and numbers, routing and  
WEIGHT Registered Shipping Weight Per

1950 6 15 10:10 AM

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O B 7

Nashua Manufacturing Co.,  
c/o H G Cook  
Robert Building  
San Francisco, California.

Order No. S-148-104

August 8, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,  
Lima, Ohio,

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

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20 Locomotive Sets Boiler Drop Plug as shown on Drg. AL 18639 for  
application to 20 locomotives, Class G.S.-1 each requiring five Boiler  
Drop Plugs.PRICE: To be \$4.50 per Locomotive Set F.O.B. Delivered.

Shipment from New York City

BID: SPL 235-104 TERMS: 2% - 10 da.TAXES: Material covered by this order is to be used in the fabrication in  
transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore  
no State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order subject to inspection by  
Southern Pacific Equipment Company's Inspector at the Locomotive Builder's  
Plant.DELIVERY: Material on this order is required at Builder's Plant Nov. 1st.MARKING: For identification purposes all shipments on this order are to be  
marked: "S.P.E.Co. Order No. S-148-104 Lima Locomotive Works Order No.  
C.O. 1152"SHIPPING NOTICE: Send in triplicate to Lima Locomotive Works, Inc., Attn.  
Mr. J.C. Beschling, Purchasing Agent, Lima, Ohio. One copy of shipping  
notice to be sent to the undersigned at Room 952, 65 Market Street, San  
Francisco, Calif. Shipping notices to show package marking, date of shipment,  
point of origin, initials and car numbers, routing, and detail of contents  
WEIGHT: Estimated Shipping weight per loco Set 10 1/2.

[Sd] G. M. BETTERTON

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

C O P Y

G. M. BETTERTON,  
PURCHASING AGENTFranklin Railway Supply Co.,  
60 East 42nd Street,  
New York City, N. Y.

Order No. P-140-105

August 8, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Booster Engines and Type C-3-S equipment complete, to be operated at 50% cut-off by superheated steam at 300 lbs. per sq. in. pressure, to drive rear pair of wheels of four wheel trailing truck with 45-1/2" Dia. wheels. Pilot Fibrous packing to be applied to all pipe and joints similar to drawings S.L. 17375 and S.L. 17671. Each locomotive, Class C.S.-4 requires one Booster.

**PRICE:** To be \$7,344.80 per Locomotive Set F.O.B. Delivered.  
Shipment from Woodberry, Baltimore, Md.

**BID:** SPL 235-105**TERMS:** Net Cash

**TAXES:** Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

**INSPECTION:** All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

**DELIVERY:** Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets November 15th

4 Sets per week thereafter

**MARKING:** For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-140-105 Lima Locomotive Works Order No. C.O. 1152".

**SHIPPING NOTICES:** Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. F.C. Brancinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

**WEIGHT:** Estimated shipping weight per locomotive Set 3000#.

(SGD) G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O T Y

Wrentham Lumber Supply Co.  
60 E. 42nd St.  
New York, N.Y.

Order No. S-145-104

March 8, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.  
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive and Tender Sets of Spring Type R-2 Radial Buffers complete, in accordance with Drawing DL-1452-3, modified to suit application to 20 locomotives Class G.S.-4 and 20 tenders, Class 235-R-1. Each locomotive and tender set consists of one radial Buffer assembly. Springs to be marked with maker's name and date of manufacture.

PRICE: To be \$310.75 per Locomotive Set F.O.B. Delivered  
Shipment from Woodberry, Baltimore, Md.

NO: SPL 235-106 TERMS: Net Cash

NOTES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the locomotive builder's plant.

DELIVERY: Material on this order is required at builder's plant in accordance with the following delivery schedule:

4 Sets per week

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "O.S.A. Co. Order No. S-145-104 Lima Locomotive Works Order No. O.C. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimate. Shipper's weight per Locomotive Set 41,000 lbs.

(SIGNED) G. M. BETTERTON

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Franklin Railway Supply Company  
60 East 42nd Street  
New York City, N. Y.

Order No. P-148-107

August 9, 1940

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Franklin Sleeve Joints for application to 20  
locomotives, Class G.S.-4, each set including:  
1 Set 5/4", Complete for Steam and Oil " " " " D.L. 18044 C  
1 Set 2 " " " Oil " " " " D.L. 18043 C  
1 Set 1 " " " Steam " " " " D.L. 18035 B

PRICE: To be \$153.21 per Locomotive Set F.O.B. Delivered  
Shipment from Woodberry, Baltimore, Md.

BID: SPL 235-107 TERMS: Net Cash

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule.

4 Sets December 2nd

4 Sets per week thereafter.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-107 Lima Locomotive Works Order No. C.C. 102

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I.C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated Shipping Weight Per Locomotive Set 275#.

(SUD) G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Standard Steel Works Div.  
Baldwin Locomotive Works  
c/o Nathan Merrill  
Russ Bldg.  
San Francisco, California

Order No. P-148-108

August 9, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.  
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Main Crank Pins per Specification C.S.-2 Latest Revision and marked print of Dwg. No-17367-B, for application to 20 locomotives, Class GS-4.  
Each locomotive set to consist of two main crank pins.  
Main crank pins are to be furnished rough turned only and with hollow bore rebores smooth after heat treatment.  
Microscopic Test to be made by you.

**PRICE:** To be \$127.71 per Locomotive Set F.O.B. Delivered  
Shipment from Burnham, Pa.

**BID:** SPL 235-108 **TERMS:** 1/2% 10 Da.

**TAXES:** Material covered by this order is to be used in the fabrication and transit at Lima, Ohio, of equipment sold in interstate commerce, therefore no State Sales or Use Taxes are applicable.

**INSPECTION:** All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

Two copies of all Test reports to be sent to Mr. Geo. McCormick, Attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif., one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's plant and one copy to be attached to your invoice.

**DELIVERY:** Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets for 1st  
4 Sets per week thereafter.

**MARKING:** For identification purposes all shipments on this order are to be marked: "S.P.E. Co. Order No. P-148-108 Lima Locomotive Works Order No. C.O. 1152".

**SHIPPING INSTRUCTIONS:** Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Benthlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

**WEIGHT:** Estimated Shipping Weight per Locomotive Set 1230#.

SGD.) G. M. BETTERTON

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P

Southern Pacific Company,  
c/o Mr. A. S. McKelligon  
Southern Pacific Building,  
San Francisco, Calif.

Order No. P-148-109

August 9, 1940

Please supply the articles named below and send them to one set to Lima Locomotive Works at Lima, Ohio, and 19 sets to Lima Locomotive Works, c/o S.P. Equipment Company, El Paso, Texas.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

10 Locomotive sets of all parts to be received by Dec. 2nd, consolidate in shipment with Tire Clips on order P-148-142. Balance required at El Paso by December 15th.

PRICE: To be 1 set at \$20.90 per Locomotive Set and 19 sets at \$19.87 per Locomotive Set, F.O.B. Delivered.

Shipment from Sacramento, Calif.

BID: SPL 235-109 TERMS: Net Cash

TAXES: Material covered by this order is to be used in the fabrication and transit at Lima, Ohio, of equipment sold in interstate commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: 1 Set of material on this order is required at Builder's Plant by Dec. 2nd, consolidate in shipment with Tire Clips on order P-148-142. Balance required at El Paso by December 15th.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-109 Lima Locomotive Works Order No. C.O.1152"

SHIPPING NOTICES Send in triplicate to Lima Locomotive Works, Inc. Attn. Mr. I.C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated Shipping Weight Per Locomotive Set 70#.

(SGD) G. M. BETTERTON  
Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Locomotive Equipment Divn  
Mather, Powell & Moore  
Cheyler Building  
New York City, N. Y.

Order No. P-148-110

August 9, 1940

Please supply the articles named below and send them to  
Lima Locomotive Works, Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

- 20 Locomotive Sets of American Dial Thermometers Type 6037B as shown in Ashcroft American Bulletin No. 177, 4½" dial diameter; 0° to 300°F graduations (black dial with white markings and graduations); 25 ft. long, flexible, rubber covered connecting tubing; bottom connection on case; cast iron case; 3/4" union connection bronze bulb type 642 with standard 6" length to connect into 1½" tee with bulb projecting into 1½" pipe line. Each locomotive, Class GS-4 requires one Dial Thermometer for purpose of measuring fuel oil temperature.

PRICE: To be \$31.60 per Locomotive Set F.O.B. Delivered  
Shipment from Bridgeport, Conn.

BID: SPL 265-110 TERMS: Net Cash

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore, no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets December 2nd

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.C. Order No. P-148-110 and Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc. Attn: Mr. I.C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Rm. 952, 65 Market St., San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 10#.

(Sd) C. E. BETTERTON

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENTGeneral Electric Building Corp.  
Granite City, Ill.

Order No. P-148-121 Pg. 2

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.**DELIVERY:** Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets November 1st

4 Sets per week thereafter

**MARKING:** For identification purposes all shipments on this order are to be marked: "G.E. Co. Order No. P-148-121 Lima Locomotive Works Order No. 1182"**SHIPPING POLICIES:** Send in triplicate to Lima Locomotive Works, Inc. Attn: I. C. Merchlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show Chicago marking, date of shipment, point of origin, initials and car numbers, weight and details of contents.**WEIGHT:** Estimated shipping weight per Locomotive Set 1500#

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G. M. BETTERTON  
Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P

General Street, Granite City, Illinois

Order No. 1-118-11

August 9, 1944

Please supply the articles named below and send them to  
 L. S. McCracken, Inc.,  
 Chicago, Ill.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

30 Locomotive Set, Four Wheel Engine Frame, complete with two wearing plates, per Dwg. PL-17833-B, for application to 30 locomotives, Class GS-4.

Each locomotive set to consist of:

- 1 - Engine Truck Frame, Patt. No. LS-10736 per Dwg. PL-18046, complete with 8 brake hanger pin bushings, 2 brake lever pin bushings and 2 rocker seat wear plates.
- 1 - Engine Truck Bolster, Patt. No. LS-10361 per Dwg. PL-18045, complete with 2 top rocker bearings, 4 links and 4 link pins.
- 2 - Engine Truck Rockers, Patt. No. LS-10361 per Dwg. PL-18045.
- 8 - Engine Truck Pedestal Bolsters per Dwg. PL-18046.
- 8 - Engine Truck Pedestal Minor Bolt per Dwg. PL-18046.

Weight on engine truck to be approximately 65,000 lbs.

NOTE: Eccentric Bushings to be furnished and applied instead of regular grade case hardened steel bushings.

PRICE: To be \$360.00 per Locomotive Set F.O.B. Delivered.

Shipment from Granite City, Ill. or Edgarsboro, La.

RTD: SPL 275-111

TERMS: Net Cash

NOTES: Materials covered by this order are to be used in the fabrication of transit at Luma, Mo. of equipment sold to Interstate Commerce, therefore, no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

Two copies of Mill Test Report to be sent to Mr. Geo. McCormick, Attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif. one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's Plant and one copy to be attached to your invoice.

CONTINUED

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 852, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

C O P Y

G. M. BETTERTON,  
PURCHASING AGENTNational Malleable & Steel Casting Co.  
c/o J. J. Byers  
Monadnock Bldg.  
San Francisco, California

Order No. P-148-112

August 1, 1940

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.  
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Front Draw Castings in accordance with Drawing A.L.-17477D, for application to 50 locomotives Class G.S.-4. Each locomotive requires one front draw casting. (Nat. Malle. & Steel Cast. Co. Drg. 27473-B.)

PRICE: To be \$49.55 per Locomotive Set F.O.B. Delivered  
Shipment from Sharon, Pa.

BID: SPL 255-112 TERMS: Net Cash

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

Two copies of Mill Test Report to be sent to Mr. Geo. McCormick, Attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif., one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's plant and one copy to be attached to your invoice.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Dec. 2nd

4 Sets per week thereafter.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E. Co. Order No. P-148-112 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 852, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated Shipping Weight per Locomotive Set 503#.

(SGD.) G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

G O P

Serrano Steel Works Divn.  
Baldwin Locomotive Works  
c/o Southern Pacific  
Russ Building  
San Francisco, California.

Order No. P-148-111 1g. 1

V. S. S. S.

Please supply the articles named below and send them to

Baldwin Locomotive Works, Inc.  
P. O. Box 100.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Driving, Engine Truck and Trailing Truck Axles per Spec. CS-2 Latest Revision and in accordance with the following drawings for application to 20 locomotives, Class CS-4.  
Each locomotive Class CS-4 requires:

- 2 - Engine Truck Axles (7½" x 14" journals) per Dwg. AL-1153-0
- 3 - Driving Axles (12" x 14" journals) per Dwg. BL-1388
- 1 - Driving Axle (13" x 14" journals) per Dwg. AL-1154-0
- 1 - Trailing Truck Axle (7" x 14" journals, Front) per Dwg. AL-1587
- 1 - Trailing Truck Axle (9" x 14" journals, Back) per Dwg. AL-1388

Axles to be furnished rough turned only and with hollow bores in driving axles and rear trailing axle rebores smooth after heat treatment.

Microscopic Test to be made by you.

**PRICE:** To be \$946.42 per Locomotive Set F.O.B. Delivered.

Shipment from Burdett, Ill.

**BID:** SPI 235-113

**TERMS:** 1/2% 10 da.

**TAXES:** Material covered by this order is to be used in the fabrication of transit at Lima, Ohio, of equipment sold in interstate commerce, therefore no State Sales or Use Taxes are applicable.

**INSPECTION:** All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

Two copies of Mill Test Report to be sent to Mr. Geo. McCormick, Attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif., one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's plant and one copy to be attached to your invoice.

CONTINUED

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

Standard Steel Works Given-  
Balance to be in 10 sets  
of 10 sets each  
Rush Building  
San Francisco California.

Order No. P-48 111 113

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

10 Sets November 1941

10 Sets November 1941

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-1 Lima Locomotive Works Order No. L.O. 1152".

SHIPPING NOTICE: Send in triplicate to Lima Locomotive Works, Inc. Attn. Mr. I.C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per L. Locomotive Set 14,200 lbs.

(Sgd) G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Nathan Manufacturing Co.  
c/o H. G. Cook  
Hobart Building  
San Francisco, California

Order No. P-148-114 Pg 1

August 9, 1940

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

- 20 Locomotive Sets of Feed Water Equipment in accordance with Drawing BL-19838 and the following detail drawings and suitable for 300 lbs. working boiler pressure for Class C.S.-4, each locomotive requiring:
- 1 - Non-Lifting Injector, No. 17 Type HW, complete with automatic restarting overflow as per Drawing DL-14996-G and Nathan Drg. 4001, capable of supplying 10,000 gallons of water per hour to boiler carrying pressure of 300 lbs. per sq. in. Injector to be suitable for application on left or fireman's side of locomotive.
  - 1 - Cab Stand and Injector Operating Rods, complete as per Drawing A.L.-18105-C.
  - 1 - 3" Reversible Boiler Check with Stop Valve, Type FWR, complete with straight connection, as shown on Drawing CL-18120-A, except to have cushion type valve (for feedwater heater)
  - 1 - 3" Reversible Boiler Check with Stop Valve, Type FWR, complete with straight connection, as shown on Drawing CL-18120-A, except without spring (for injector).
  - 1 - 3" Injector Steam Valve Regrinding Type with outside bonnet and union ring similar to that shown on Drawing CL-18473, except that valve is to be of angle type with 1" I.P. thread male inlet and bolted flange connection outlet with tailpiece for 3" O.D. copper tubing. Valve stem to be suitable for A.A.R. Universal Joint.
  - 1 - 3" Balanced Lever Starting Valve, complete as per Nathan Drg. 4095, Inlet Bolted Flange Steam Connection Tailpiece suitable for 3" O.D. copper tubing, and outlet connection suitable for coupling with No. 17 HW non-lifting injector steam inlet.
  - 1 - Feed Water Strainer, complete for 4" suction pipe complete as per Drawing DL-14268-G with 3" outlet backing for injector.

PRICE: To be \$344.68 per Locomotive Set F.O.B. Delivered  
Shipment from New York, N.Y.

BID: SPB 205-114 TERMS: 2 1/2 % Del.

CONTINUED

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

Order No.

P-148-114 PG 2

Fathom Manufacturing Co.  
c/o H. G. Cook  
Hobart Building  
San Francisco, California

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

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TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Nov. 1st

4 Sets per week thereafter.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E. Co. Order No. P-148-114 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated Shipping Weight per Locomotive Set 5600#.

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G. M. BETTERTON  
Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENTLima Locomotive Works, Inc.,  
224 Commercial Street,  
Lima, Ohio, U.S.A.

Order No. P-148-115

August 10, 1941

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets Feed Water Heater Equipment Type 5 $\frac{1}{2}$ -SA as follows: superheated Steam at 300 lbs. per sq. in. pressure, in accordance with the following drawings for appliances for 20 locomotives, Class O-45 each locomotive requiring:-

- 1 - Feed Water Heater per Drawing PL-1400
- 1 - Feed Water Heater Hot Water Pump per Drawing SH-17236 with standard type "SA" feed pump gage.
- 1 - Feed Water Heater Cold Water Pump per Drawing PL-17281-A
- 1 - Automatic Mechanical Lubricator for Hot Water Pump.

**PRICE:** To be \$1,100.00 per Locomotive Set F.O.B. Delivered  
Shipment from Harrison, N.J.

**BID:** SP-235-115 **TERMS:** Net Cash

**TAXES:** Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

**INSPECTION:** All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

**DELIVERY:** Material on this order is received at Builder's Plant in accordance with the following delivery schedule:

- 4 Sets December 2nd
- 4 Sets per week thereafter

**MARKING:** For identification purposes all shipments on this order are to be marked: S.P.E.Co. Order No. P-148-115 Lima Locomotive Works Order No. C.O. 115

**SHIPPING NOTICES:** Send in triplicate to Lima Locomotive Works, Inc., Attn: Mr. I.C. Kreutlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notices to be sent to the undersigned at Rm. 952, 65 Market St., San Francisco, Cal. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

**WEIGHT:** Estimated shipping weight per Locomotive Set 3975#.

(SOP) G. M. BETTERTON  
Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

The Hyle National Company  
c/o R. G. Cook  
Robert Building  
San Francisco, California

Order No. P-148-117

August 9, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.  
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.20 Locomotive Lamps Locomotive Equipment, Turbo-Generator Type M06  
in accordance with the following specifications:-

"Turbo-generator operated by a turbine steam must be of 800 Watt minimum capacity capable of delivering 32 Volts under full load at steam pressure ranging from 25 pounds to 325 pounds; the governor to properly regulate speed of turbine between this range of steam pressures, without the necessity for change of nozzle or Governor setting."

Each locomotive class G.S.-4 requires one Turbo-Generator, Type M06.

**PRICE:** To be \$150.00 per Locomotive Set F.O.B. Delivered  
Shipment from Chicago, Ill.**BID:** SPL 235-117 **TERMS:** 1 1/2 10 Da.**TAXES:** Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.**INSPECTION:** All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.**DELIVERY:** Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Dec. 2nd

4 sets per week thereafter.

**MARKING:** For identification purposes all shipments on this order are to be marked: "S.P.E. Co. Order No. P-148-117 Lima Locomotive Works Order No. C.C. 1152".**SHIPPING INSTRUCTIONS:** Send in duplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Prentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.**WEIGHT:** As marked Shipping 14.24  
per Locomotive Set M06.G. M. BETTERTON  
Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

Order No. 148-118 14 3

The Southern Pacific Equipment Company  
65 Market Street  
San Francisco, California.

Please supply the articles named below and send them to

1. Locomotive Works  
San Francisco

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive and Tender Sets Wiring fixtures for application to 20 locomotives Class G.S.-4 and 20 Tenders, Class 2000-1, in accordance with Drawing RL-18250A.

Each locomotive requires one lot of wiring fixtures, Items 1 to 40 inclusive, as listed under heading "Locomotive Electric Materials".

Each tender requires one tender set of wiring fixtures, Items 2 to 17 inclusive, (Item #1, Backing Lamp, not included) as listed under heading "Tender Electric Materials".

PRICE: To be \$300.11 per Locomotive and Tender Set F.O.B. Delivered Shipment from Chicago, Ill.

BTO: SFL 235-118 TERMS: 5% 10 day

TAXES: Material covered by this order is to be used in the fabrication of transit at line, ship, or equipment so, in Interstate Commerce, there is no State sales or Use Taxes are applicable.

INSTRUCTION: All material covered by this order shall be inspected by Southern Pacific Equipment Company's inspectors at the Locomotive Building Plant.

DELIVERY: Material on this order is to be delivered to Builder's Plant in accordance with the following delivery schedule:

- 4 Tender Sets Now
- 4 Tender Sets per week thereafter
- 4 Locomotive Sets per week
- 4 Locomotive Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: S. P. Equip. Order No. P-148-118 Locomotive Works Order No. C.C. 118

G. M. BETTERTON

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENTThe Pyle National Company  
c/o H G Cook  
Hobart Building,  
San Francisco, California.

Order No. 148-116 Pg. 2

August 9, 1940

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

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SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents

WEIGHT: Estimated shipping weight per Locomotive and Tender net 200//.

(SGD) G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Quaker City Lumber Company,  
168 - 170 Street  
San Francisco, California

Order No. P-148-119

August 9, 1941

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Tank Hose for application to 20 locomotives Class G.S.-4. Each locomotive requires two 4-1/2" inside Dia. (6" long hose complete with four clamps as per drawing L-12172-R. Hose must be in accordance with A.A.R. Specification No. 500-28.

**PRICE:** To be \$17.11 per locomotive Set F.O.B. Delivered  
Shipment from Philadelphia, Pa.

**TERMS:** 2% 10 day

**TAXES:** Material covered by this order is to be used in the fabrication of parts at Lima, Ohio, of equipment sold in interstate commerce, therefore no State Sales or Use Taxes are applicable.

**INSPECTION:** All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Building Plant.

**DELIVERY:** Material on this order is required to be delivered to Lima, Ohio in accordance with the following delivery schedule:

4 Sets Dec. 2nd

4 Sets per week thereafter

**MARKING:** For identification purposes all shipments on this order are to be marked: "S.P.E.C. Order No. P-148-119 Lima Locomotive Works Order No. C.O.1152".

**SHIPPING NOTICES:** Send in triplicate to Lima Locomotive Works, Inc., Attn: Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

**WEIGHT:** Estimated shipping weight per Locomotive Set 45%.

(SGT) G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Order No. P-148-121

Nathan Manufacturing Company  
c/o C. Cook,  
Hobart Building  
San Francisco, California.

August 9, 1940

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Mechanical Lubricators for application to 20 locomotives Class GS-4

Each locomotive set to consist of - one (1) 14-Feed Type DV-7 36 pin capacity Mechanical Lubricator per S. P. 14-18469-A, to be applied on left side of locomotive for lubrication of Journals and Chassis.

All inlets and outlets for 3/8" O.D. copper tubing to have Part "D-21" Flared Fitting with sleeve for 3/8" O.D. copper tubing instead of coupling nut #236 and Tailpiece #235.

Terminal Checks not to be included.

PRICE: To be \$292.00 per Locomotive Set F.O.B. Delivered.

Shipment from New York, N.Y.

BID: SPL 245-121 TERMS: 2% 15 da

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore, no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Dec. 2nd

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-121 Lima Locomotive Works Order No. C. 1000"

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn: Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market St., San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per locomotive Set 220#.

(SIGNED) G. M. BETTERTON

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENTNetherland Supply Co.,  
c/o C. C. Co.  
Robert Building  
San Francisco, Calif.Order No. 1 146 121-6 Pg.  
April 1940

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.**SHIPPING NOTICES:** Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. L. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 912, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.**NOTE:** Estimated shipping weight per locomotive 300#.

(SIGNED) G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

National Manufacturing Co.,  
c/o J. B. Brown  
Hobart Building  
San Francisco, Calif.

Order No. P-148-121-

August 1, 1910

Please supply the articles named below and send them to

Lima Locomotive Works Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive sets of mechanical lubricators for application to 20 locomotives Class GS-4.

Each locomotive set to consist of -

One (1) 2-feed Type DV-4, 20 pint capacity mechanical lubricator per Eng. B-17751-A

Four (4) "DA" Terminal Checks per Eng. B-17751-A

DV-4 lubricators to be applied on right side of locomotive for lubrication of main cylinders, steam chest, and top of main crosshead guides.

All inlets and outlets for 3/8" O.D. copper tubing to have Part #10-31 flared at end, with sleeve for 3/8" O.D. copper tubing instead of coupling nut #136 and Tailpiece #222.

**PRICE:** To be \$262.00 per Locomotive Set delivered.

Shipment from New York City.

**BID:** S-P 375 121 A **TERMS:** 20 15 days

**TAXES:** Materials covered by this order are to be used in the lubrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

**INSPECTION:** All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

**DELIVERY:** Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets December 21

4 Sets per week thereafter.

**MARKING:** For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-121 A Lima Locomotive Works Order No. C.O. 1153."

CONTINUED

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Paxton-Mitchell Company  
Omaha, Nebraska

Order No. P-148-122

Please supply the articles named below and send them to Lima Locomotive Works, Inc.  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

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20 Locomotive Sets of Piston Rod and Valve Stem Packing for application to 20 locomotives, Class C.S.-4, each locomotive requiring:

2 Sets 5-1/4" Piston Rod Packing as per Drg. C.L.-15824-C

2 Sets 2" Valve Stem Packing as per Drg. C.L.-1698-L

PRICE: To be \$46.50 per Locomotive Set F.O.B. Delivered.

Shipment from Omaha, Nebraska

BID: SPL 235-122      TERMS: Net Cash

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets December 2nd

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-122 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. J. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 200#.

(Sgd) G. M. BETTERTON

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENTAmerican Locomotive Company,  
c/o Stephen G. Harwood  
Rialto Building  
San Francisco, California.

Order No. P-14-123

August 12, 1940

Please supply the articles named below and send them to

Lima Locomotive Works,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Power Reverse Gear, Type "G" complete set, per drawing of  
Alemite Lubricator in accordance with Drawing G-12379, for application  
to 20 locomotives, Class G.S.-4.  
Each locomotive requires 1 set of Type "G" Power Reverse Gear with  
special Reverse Lever.

PRICE: To be \$242.84 per Locomotive Set F.O.B. Delivered  
Shipment from Richmond, Va.

BID: SPL 235-123

TERMS: Net Cash

TAXES: Material covered by this order is to be used in the fabrication of  
transits at Lima, Ohio, of equipment sold in interstate Commerce therefore  
no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by  
Southern Pacific Equipment Company's Inspector at the Locomotive Builder's  
Plant.

DELIVERY: Material on this order is required at Builder's Plant in  
accordance with the following delivery schedule:

4 Sets December 2nd

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be  
marked: "S.P.E.Co. Order No. P-148-123 Lima Locomotive Works Order No.  
C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn:  
Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping  
notice to be sent to the undersigned at Room 952, 65 Market Street, San  
Francisco, Calif. Shipping notices to show package marking, date of ship-  
ment, point of origin, initials and car numbers, routing, and detail of  
contents.

WEIGHT: Estimated Shipping weight per Locomotive Set 722#.

(SGD) G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Ashton Valve Company,  
c/o Edw. Kenyon  
606 Howard Street,  
San Francisco, Calif.

Order No. P-148-124

August 9, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

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20 Locomotive Sets Safety Valves for application to 20 locomotives,  
Class G.S.-4.  
Each locomotive requires:  
1 - 2" Safety Valve Type 8C-12, per Drawing AL-18251-B (set at 310 lbs.)  
1 - 3-1/2" Safety Valve, per Drawing CL-16522, Muffler Style FC-10  
(set at 300 lbs.)  
1 - 3-1/2" Safety Valve, Open Pop Style FC (set at 302 lbs) per Drawing  
CL-16522

PRICE: To be \$144.03 per Locomotive Set F.O.B. Delivered  
Shipment from Cambridge, Boston, Mass..

BID: SPL 235-124 TERMS: Net Cash

TAXES: Material covered by this order is to be used in the fabrication en  
transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore  
no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by  
Southern Pacific Equipment Company's Inspector at the Locomotive Builder's  
Plant.

DELIVERY: Material on this order is required at Builder's Plant in  
accordance with the following delivery schedule:

4 Sets December 2nd  
4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be  
marked: "S.P.E.Co. Order No. P-148-124 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr.  
I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be  
sent to the undersigned at Rm. 952, 65 Market St., San Francisco, Calif. Shipping  
notices to show package marking, date of shipment, point of origin, initials  
and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 160#.

(SGD) G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENTMagnus Metal Corporation  
721 Railway Exchange  
Chicago, Ill.

Order No. P-148-125 Pg. 2

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-125 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc. Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive and Tender Set 275%.

(SGD) G. M. BETTERTON

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Magnus Metal Corporation  
721 Railway Exchange  
Chicago, Ill.

Order No. P-148-125 Pg. 1

August 9th, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,  
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

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20 Locomotive and Tender Sets of S.P. Spring Pad Journal Lubricators, as shown on Drg. DL-18247-C, except to be made of 50-50 Carpet Material, for application to 20 locomotives, Class GS-4 and Tenders, Class 235-R-1:

Each locomotive set to consist of the following:

- 4 - No. 22 lubricators for 7½" x 14" Engine Truck Journals
- 6 - No. 45 Lubricators for 12" x 14" Driving Journals
- 2 - No. 46 Lubricators for 13" x 14" Driving Journals (main)
- 2 - No. 18 Lubricators for 7" x 14" Trailing Truck Journals (front)
- 2 - No. 28 Lubricators for 9" x 14" Trailing Truck Journals (back)

Each Tender Set to consist of the following:

- 12 - No. 7 Lubricators for 7" x 14" Tender Journals.

PRICE: To be \$160.82 per Locomotive & Tender Set F.O.B. Delivered.  
Shipment from Chicago, Ill.

BID: SPL 235-125

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

- 4 Sets November 1st
- 4 Sets per week thereafter

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CONTINUED

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENTViloco Railway Equipment Co., Inc.,  
611 McCormick Building,  
332 So. Michigan Ave.,  
Chicago, Ill.

Order No. P-148-126

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

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20 Locomotive Sets Sanders to equip 20 locomotives Class G.S.-4 each requiring.

1 - No. 255 (latest type) Viloco Duplex Engineer's valve per Drg. BL-16940. Valve to be modified to provide for Sanding in front of all four pair of drivers in forward position (no backup sanders to be used and no Booster sanding position to be provided on this valve)

8 - Viloco single unit Reversible Sanders latest type FLA-317-A  
4 right hand and 4 left hand per Drg. CL-16941-B.PRICE: To be \$72.50 per Locomotive Set F.O.B. Delivered  
Shipment from Benton Harbor Michigan

BID: SPL 235-126 TERMS: 1% 10 da.

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Co's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's plant in accordance with the following delivery schedule:

4 Sets Dec. 2nd - 4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-126 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I.C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 150#.

(SGD) G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Graham-White Locomotive Corp.,  
Roanoke,  
Virginia.

Order No. 1416 320-A

August 9, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets Graham-White Booster Sanders. Each set to consist of:  
2 Type "D.S." Sand Traps complete with fittings.  
1 Type "W" Automatic Control Valve for sanding Booster equipped  
Trailer Wheels.

**PRICE:** To be \$25.00 per Locomotive Set F.O.B. Delivered.  
Shipment from Roanoke, Va.

**DD:** SPL 235-126 **TERMS:** Net cash

**TYPES:** Material covered by this order is to be used in the operation of  
transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore  
no State Sales or Use Taxes are applicable.

**INSPECTION:** All material covered by this order subject to inspection by  
Southern Pacific Equipment Company's Inspector at the Locomotive Builder's  
Plant.

**DELIVERY:** Material on this order is required at Builder's Plant in  
accordance with the following delivery schedule:

4 Sets December 2nd  
2 Sets per week thereafter

**MARKING:** For identification purposes all shipments on this order are to be  
marked: "S.P.E.C. Order No. 1416-320- Lima Locomotive Works Order  
No. C.O. 1152".

**SHIPPING NOTICES:** Send in triplicate to Lima Locomotive Works, Inc., Lima,  
Ohio. One copy of shipping  
notice to be sent to the undersigned at Room 952, 65 Market Street, San  
Francisco, Calif. Shipping notices to show package marking, date of ship-  
ment, point of origin, initials and car numbers, routing, and details of  
contents.

**ELMIT:** Estimated shipping weight per locomotive set 507

G. M. BETTERTON

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

C O P Y

G. M. BETTERTON,  
PURCHASING AGENTElectro-Chemical Engineering Corp.  
c/o H. G. Cook  
Hobart Building  
San Francisco, Calif.

Order No. \_\_\_\_\_

August 17, 1935

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets Signal Foam-Meter, Model S.P.E.C. in accordance with Drawing DL-18205-A, for application to 20 locomotives, Class G.O., each requiring one Signal Foam-Meter.

**PRICE:** To be \$201.00 per Locomotive Set F.O.B. Delivered  
Shipment from Chicago, Ill.**BID:** S.P.E. 835-127 F.M.S. 1% 10 da.**TAXES:** Material covered by this order is to be used in the State of Ohio in transit at Lima, Ohio, of equipment sold in accordance with the Ohio State Sales or Use Taxes are applicable.**INSPECTION:** All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Works Plant.**DELIVERY:** Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets December 2nd

4 Sets per week thereafter

**MARKING:** For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-127 Lima Locomotive Works Order No. C.O. 1152".**SHIPPING NOTICES:** Send in triplicate to Lima Locomotive Works, Inc., Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package number, quantity, weight, point of origin, initials and car numbers, routing, and destination contents.**WEIGHT:** Estimated shipping weight per Locomotive Set 12 1/2.

G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

C O P Y

G. M. BETTERTON,  
PURCHASING AGENTThe Okadec Company  
332 So. Michigan Ave  
Chicago, Ill.

Order No. P-146-128

August 12, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,  
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets Smoke Box Front Hinges complete as per drawing &amp; details for application to 20 locomotives, Class G.S.-4.

Each locomotive requires:

- 1 - Upper Butt and Base per Drg. CL-16162-A
- 1 - Lower Butt and Base per Drg. CL-16162-A
- 1 - Upper Front Strap per Drg. CL-17749
- 1 - Lower Front Strap per Drg. CL-17749
- 2 - Hinge Pins 1-1/2" Dia. x 8-1/2" long under head, Drg. CL-17341-A
- 2 - Eye Bolts 3-1/4" long, threaded 7" as per Drg. AL-1 341-C

Cored holes in castings must be sufficiently small to permit finishing to sizes shown on drawings.

PRICE: To be \$69.60 per Locomotive Set F.O.B. Delivered  
Shipment from Benton Harbor, Mich

BID: SPL 235-128 TERMS: 1% 10 Da.

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Co's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant as per schedule with the following delivery schedule:

4 Sets Nov. 1st - 4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-146-128 Lima Locomotive Works Order No. C.O. 1152"

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I.C. Brentlinger, Purchasing Agt., Lima, Ohio. One copy of shipping notices to be sent to the undersigned at Rm. 952, 65 Market St., San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 200#.

(SGD) G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENTFlannery Bolt Company,  
c/o J P Armstrong,  
Russ Building  
San Francisco, Calif.

Order No. P-148-130

August 13, 1947

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

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MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-130 Lima Locomotive Co. Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market St., San Francisco, Calif. Shipping notices to show package number, date of shipment, point of origin, initials and car numbers, routing, and full contents.

WEIGHT: Estimated shipping weight per Locomotive Set 7050 lbs.

(Sgd) G. M. BETTERTON

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Flannery Bolt Company,  
c/o J. P. Armstrong,  
Russ Building,  
San Francisco, California.

Order No. P-141-130 Pg. 1

August 12, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets F.B.C. Telltale Flexible Staybolts complete with  
and Sleeves for application to 20 locomotives, Class G.S.-1.  
Each locomotive requires one complete set of Staybolts as per drawing  
CL-16733-F (based on column headed "GS-3")

10 Sets to be made of Ulster Staybolt Iron  
10 Sets to be made of Lewis Staybolt Iron

PRICE: To be \$1709.64 per Locomotive Set F.B.C. Delivered  
Shipment from Bridgeville, Pa.

BID: SPL 235-130

TERMS: 1/2% 10 da

TAXES: Material covered by this order is to be used in the fabrication of  
transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore  
no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by  
Southern Pacific Equipment Company's Inspector at the Locomotive Builder's  
Plant.

Two copies of Mill Test Report to be sent to Mr. Joe McHenry, at  
attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif., one copy to be  
sent to Equipment Company's Chief Inspector at Locomotive Builder's Plant  
and one copy to be attached to your invoice.

DELIVERY: Material on this order is required at Builder's Plant in  
accordance with the following delivery schedule:

4 Sets made of Ulster Iron	Nov. 1st
4 Sets -do-	Nov. 8th
2 Sets -do-	Nov. 15th
2 Sets Made of Lewis Iron	Nov. 15th
4 Sets -do-	Nov. 22nd
4 Sets -do-	Nov. 29th

CONTINUED

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Ashton Valve Company,  
c/o Edw. Kenyon,  
606 Howard Street  
San Francisco, Calif.

Order No. 14 77

C. O. 1152

Please supply the articles named below and send them to

Lima Locomotive Works  
Lima, Pa.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Steam Gages in accordance with Drawing A.L.-18560-1 for application to 20 locomotives Class G.B.-4, each requiring two Ashton #52 LBC 6-3/4" Iron Case Steam Gages with dial graduated to 1500 lbs. pressure.

PRICE: To be \$24.33 per Locomotive Set F.O.B. delivered  
Shipment from Cambridge, Boston, Mass.

BID: SPL 235-131

TERMS: Net Cash

TAXES: Material covered by this order is to be used in the State of Ohio in transit at Lima, Ohio, of equipment sold in interstate commerce. No State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the locomotive shop at Lima Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Dec. 2nd

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked "S.P.E.Co. Order No. S-148-131 Lima Locomotive Works Order to C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Lima, Pa., Mr. I.C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 25%.

(SGD) G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

C O P Y

G. M. BETTERTON,  
PURCHASING AGENTAshton Valve Company  
c/o Edw. Kenyon,  
606 Howard Street,  
San Francisco, Calif.

Order No. P-148-132

August 12, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.20 Locomotive Sets of 4-1/2" dial Steam Heat Gages in accordance with  
Drawing A.L.-16581-3 for application to 20 locomotives, Class G-4,  
each requiring one Ashton #51-3 Iron Case Steam Heat GagePRICE: To be \$5.81 per Locomotive Set F.O.B. Delivered.  
Shipment from Cambridge, Boston, MassBID: SPL 235-132 TERMS: Net CashTAXES: Material covered by this order is to be used in the fair portion of  
transit at Lima, Ohio, of equipment sold in interstate commerce therefore  
no State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order subject to inspection by  
Southern Pacific Equipment Company's Inspector at the Locomotive Builders  
Plant.DELIVERY: Material on this order is required at Builder's Plant in  
accordance with the following delivery schedule:

4 Sets December 2nd

4 Sets per week thereafter

NOTE: Consolidate shipments with Steam Gauges on order P-143-131MARKING: For identification purposes all shipments on this order are to be  
marked: "S.P.E.Co. Order No. P-148-132 Lima Locomotive Works Order No. C OSHIPPING NOTICES: Send in triplicate to Lima Locomotive Works Inc., Attn:  
Mr. I.C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping  
notice to be sent to the undersigned at Room 952, 65 Market Street, San  
Francisco, Calif. Shipping notices to show package marking, date of shipment,  
point of origin, initials and car numbers, routing, and detail of contents.WEIGHT: Estimated shipping weight per Locomotive Set 4#.

(625) G. M. BETTERTON

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Vapor Car Heating Company, Inc.,  
c/o H. D. Donnell,  
Hobart Building,  
San Francisco, California.

Order No. P-148-133

August 13, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

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20 Locomotive Sets #239 Steam Heat Reducing Valves, in accordance with Drawing DL-16929-A, for application to 20 Locomotives, Class G.S.-4. Each locomotive requires one Steam Heat Reducing Valve.

PRICE: To be \$90.30 per Locomotive Set F.O.B. Delivered.  
Shipment from Chicago, Ill.

BID: SPL 235-133 TERMS: 1% 10 days

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets December 2nd

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-133 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc. Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated Shipping Weight Per Locomotive Set 60%.

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(SGD) G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENTThe Superheater Company  
Peoples Gas Co. Inc.  
Chicago, Ill.

Order No. P-148-134

August 13, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

- 20 Locomotive Sets Type "E" Superheater Equipment and Multiple Throttle Equipment including Tangential Steam Dryer and Superheated Steam Pyrometer complete, in accordance with Specialty Specification SSL-195, each locomotive, Class C.S.-4 requiring:
- 1 - Complete Set Superheater Equipment
  - 1 - Complete Set Multiple Throttle
  - 1 - Model 496 Superheated Steam Pyrometer
  - 1 - Tangential Steam Dryer

PRICE: To be \$7474.36 per Locomotive Set F.O.B. Delivered  
 Shipment from Waterbury, Conn. of Pyrometer  
 Balance from Chicago, Ill.

BID: SPL 235-134

TERMS: Net Cash

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

- 4 Sets of Pyrometers Dec. 2nd and 4 Sets per week thereafter
- 4 Complete sets of other material Nov. 1st and 4 sets per week thereafter.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E. Co. Order No. P-148-134 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Wks, Inc., Attn. Mr. J.C. Brentlinger, Pur. Agt., Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Rm. 952, 65 Market St., San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per  
 Locomotive Set 15850#.

(SGD) G.M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Locomotive Equipment Division,  
Manning, Maxwell & Moore, Inc.,  
Chrysler Building,  
New York City, N. Y.

Order No. P-148-135

August 15, 1940

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets Tank Level Indicators in accordance with Ashcroft America Bulletin 175B, each locomotive Class G.S.-4 requires one Tank Level Indicator Type 1189T complete with air pressure reducing and relief valve (Type 2395) and air strainer (Type 2098).

PRICE: To be \$41.95 per Locomotive Set F.O.B. Delivered.  
Shipment from Bridgeport, Conn.

BID: SPL 235-135 TERMS: Net Cash

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Nov. 1st

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-135 Lima Locomotive Works Order NO. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. J. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 7#.

(SGD) G. M. BETTERTON

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

C. W. BETTERTON,  
PURCHASING AGENT

C O P

Order No. 1 1 1 1 1 1 1 1 1 1

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Please supply the articles named below and send them to

1 1 1 1 1 1 1 1 1 1  
1 1 1 1 1 1 1 1 1 1

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Four Wheel Delta Type Trailing Truck Frames, Type  
with Centering Device for application to 20 locomotives, Class C-40.

Each locomotive requires:

- Trailing Truck Frame complete in accordance with Fig. 1-18272-B, modified to provide for use of C-40 locomotive truck frame and to
- Trailing Truck Centering Devices in accordance with Fig. 1-18272-B, including rocker plate per Fig. 1-18274-D, rockers per Fig. 1-18273-C and rocker bushings per Fig. 1-18274-D. Excellent bushings to be furnished in the equalizer and end bracketing pin holes instead of regular pin holes case hardened steel bushings.
- Report on condition of truck to be submitted by 100% of it.

PRICE: To be \$2605.00 per locomotive set F.O.B. Delivered

Shipment from Green Bay, Wis., to Portland, Ore.

BID: 11 11 11 137 TERMS: No. Cash

TAXES: Material covered by this order is to be used in the construction of transit at Joint, Ohio, of equipment and in the construction of the same. No State Sales or Use Taxes are applied.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's inspectors at the Portland, Ore. Millers Plant.

Two copies of Mill Test Report to be sent to Mr. G. O. Johnson, Attn: Mr. J. W. Hall, 65 Market Street, San Francisco, Calif. Only one sent to Equipment Company's Chief Inspector at Green Bay, Wis. and one copy to be attached to your invoice.

SOUTHERN PACIFIC

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

General Steel Castings Corp.,

Granite City, Ill

Order No. P-148-137- Pg. 2

August 13, 1940

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Nov. 15th

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co." Order No. P-148-137 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 9600#.

(JGD) G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

C O P Y

G. M. BETTERTON,  
PURCHASING AGENTStandard Steel Works Division  
Baldwin Locomotive Works  
%Latham McMullin  
Russ Building  
San Francisco, Calif.

Order No. P-148-136 Pg. 1

August 13, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

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20 Locomotive Sets Heat Treated Driving and Trailing Tires in accordance with Drg. AL-13294-W, for application to 20 locomotives, Class G.S.-4. Each locomotive requires:

- 8 - Tires 3 $\frac{1}{2}$ " thick for 73" Dia. Driving Wheel Centers.
- 4 - Tires 3- $\frac{3}{4}$ " thick for 38" Dia. Trailing Wheel Centers.

Tires to be furnished rough turned only and are to be in accordance with AAR Spec. M-100-34; driving tires to be Class "A" and trailing wheel tires to be Class "C".

PRICE: To be \$1092.89 per Locomotive Set F.O.B. Delivered  
Shipment from Burnham, Pa.

BID: SPL 235-136 TERMS: 1/2% 10 da.

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

Two copies of Mill Test Report to be sent to Mr. Geo. McCormick, Attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif., one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's plant and one copy to be attached to your invoice.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

- 4 Sets Nov. 1st
- 4 Sets per week thereafter

CONTINUED

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENTStandard Steel Works Division  
Baldwin Locomotive Works  
% Latham McMullin  
Russ Building  
San Francisco, Calif.

Order No. P-148-136 Pg 2

August 13, 1940

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-136 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brecklinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 15,400#.

(SGD) G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Nathan Manufacturing Co.  
c/o H. G. Cook  
Hobart Bldg.  
San Francisco, California

Order No. P-148-138

August 13, 1940

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.  
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

- 20 Locomotive Sets of Water Gages without stems for 300 lbs. boiler pressure. Type "BXA" No. 5, in accordance with Drawing BL-17213-B, for application to 20 locomotives Class G.S.-4. Each locomotive requires two Water Gages.

PRICE: To be \$23.00 per Locomotive Set F.O.B. Delivered  
Shipment from New York, N.Y.

BID: SPL 235-138 TERMS: 2% 15 Da.

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 sets Dec. 2nd

4 sets per week thereafter.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-138 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 34#.

(SGD) G. M. BETTERTON  
Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Standard Steel Works Divn.  
Baldwin Locomotive Works  
c/o Latham McFallin  
Russ Bldg.  
San Francisco, Calif.

Order No. P-148-139

August 13, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.  
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Quenched and Tempered Engine Truck wheels 36" Diam. in accordance with A.A.R. Tentative Specification for Heat Treated multiple wear wrought carbon steel wheels, Class "C", Circular DV-959, and Drg. AL-17360-B, for application to 20 locomotives, Class G.S.-4. Each locomotive requires 4 Engine Truck Wheels. Wheels to be furnished rough bored only.

**PRICE:** To be \$229.20 per Locomotive Set F.O.B. Delivered shipment from Burnham, Pa.

**BID:** SPL 235-139 **TERMS:** 1/2% 10 Da.

**TAXES:** Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

**INSPECTION:** All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

Two copies of Mill Test Report to be sent to Mr. Geo. McCormick, Attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif., one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's plant and one copy to be attached to your invoice.

**DELIVERY:** Material on this order is required at builder's Plant in accordance with the following delivery schedule:

4 sets Nov. 1st

4 sets per week thereafter.

**MARKING:** For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-139 Lima Locomotive Works Order No. C.C. 1152".

**SHIPPING NOTICES:** Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I.C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

**WEIGHT:** Estimated shipping weight per Locomotive Set 4000#.

(SOD) G. M. BETTERTON

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Standard Steel Works Divn.  
Baldwin Locomotive Works  
c/o Southern Pacific  
Russ Bldg.  
San Francisco, Calif.

Order No. P-148-139T

August 13, 1940

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.  
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Tender Sets Quenched and Tempered Wrot Steel Wheels in accordance with A.A.R. Tentative Specification for Heat Treated Multiple wear wrought carbon steel wheels Class "C" Circular DV-959, for application to 20 tenders, Class 235-R-1.

Each tender requires twelve 36" Dia. wheels per Dwg. CL-17122-A.  
Wheels to be furnished rough bored only.

PRICE: To be \$573.89 per Tender Set F.O.B. Delivered  
Shipment from Burnham, Pa.

BID: SPL 235-139T TERMS: 1/2% 10 Da.

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

Two copies of Mill Test Report to be sent to Mr. Geo. McCormick, Attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif., one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's plant and one copy to be attached to your invoice.

DELIVERY: Material on this order is required at Builder's Plant by Nov. 1st.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-139T Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brantlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight  
per Tender Set 11,280#.

(SGD) G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

J. H. WILLIAMS COMPANY  
75 Spring Street,  
New York, N. Y.

Order No. P-148-140

August 13, 1940

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Drop Forged Steel Wrenches in accordance with Drawing BL-18306-A. Each locomotive Class C.S.-4 requires one complete set of wrenches.

PRICE: To be \$23.27 per Locomotive Set F.O.B. Delivered  
Shipment from Buffalo, N. Y.

BID: SPL 235-140 TERMS: 2% 10 Prox.

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Dec. 15th

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-140 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc. Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated Shipping Weight Per Locomotive Set 45#.

(SGD) G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Southern Pacific Company  
A. S. McKelligon  
General Storekeeper  
San Francisco, Calif.

Order No. P-148-140A

August 13, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.  
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.20 Locomotive Sets Packing Hook and Iron Wrench per drawing  
AL-18309. One required per Locomotive Class GS-4.PRICE: To be 24¢ per Locomotive Set F.O.B. Delivered  
Shipment from Sacramento, CaliforniaBID: SPL 235-140A TERMS: Net CashTAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 sets Dec. 15th

4 sets per week thereafter

Note - Consolidate in shipment with Tire Clips on order P-148-142.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-140A Lima Locomotive Works Order No. C.O. 1152".SHIPPING INSTRUCTIONS: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.WEIGHT: Estimated shipping weight per Locomotive Set 2-1/4#.

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(SGD) G. M. BETTERTON  
Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Valve Pilot Corporation  
c/o Nathan Melblin  
Russ Bldg.  
San Francisco, Calif.

Order No. P-148-111

C O P Y

Please supply the articles named below and send them to Lima Locomotive Works, Inc.  
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

- 20 Locomotive Sets Valve Pilots, Model VP-120, 13 speed and Sub Oil Drive  
For application to 20 locomotives of 4-B-4 Type, Class G.S.-4, and  
Dia. engine truck wheels, 80" driving wheels and 45-1/2" trailing wheels

Each locomotive requires one Valve Pilot complete, similar to the following drawings (modified for VP-120 assembly):

Flexible Shaft and Connections	Fig. PL-16944
Instrument Assembly	Fig. PL-16945
Friction Drive Assembly	Fig. PL-16946
Cam Case Assembly	Fig. PL-16947
Adjustable Lever Post Assembly	Fig. PL-16948
Operating Rod and Turnbuckle Assembly	Fig. PL-16949

Three rolls of 1750 mile tape to be furnished with each valve pilot

**PRICE:** To be \$1230.25 per Locomotive Set F.O.B. Albany, N.Y.**BID:** SPL 235-141 **TERMS:** 1 1/2 10 Da.**TAXES:** Material covered by this order is to be used in the fabrication of equipment for transit at Lima, Ohio, of equipment sold in interstate commerce, and no State Sales or Use Taxes are applicable.**INSPECTION:** All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at one Locomotive Works Plant.**DELIVERY:** Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Dec. 2nd  
4 Sets per week thereafter

**MARKING:** For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-111 Lima Locomotive Works Co. C.C. 1152".

CONTINUED

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENTValve Pilot Corporation  
c/o Latham McMillin  
Russ Bldg.  
San Francisco, Calif.

Order No. P-148-141 Pg 2

August 13, 1940

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.  
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

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SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 550#.

(SGD) G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

COPY

Southern Pacific Company  
c/o A. S. McKelligon  
Southern Pacific Bldg.,  
San Francisco, Calif.

Order No. P-148-142

August 13, 1940

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets plus Road Lugs, Clips as per Ldg. BL-10113-3,  
for application to 20 Locomotives, Class H.O.-4.

Each locomotive requires 30 clips, type "A" and 10 clips  
Type "B" for delivery and 20 clips Type "C" for trailing  
road lugs.

PRICE: To be \$7.35 per Locomotive Set F.O.B. Delivered  
Shipment from Sacramento, Calif.

BID: SPL 235-142 TERMS: Net Cash

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Co.'s Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Nov. 1st

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-142 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 40%.

(SGD) G. M. BETTERTON

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Vapor Car Heating Co., Inc.,  
% H. D. Donnell  
Hobart Building,  
San Francisco, Calif.

Order No. P-148-143

August 13, 1940

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.,  
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

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20 Tender Sets Vapor Car Heating Co., Inc. Steam Heat Equipment, in accordance with Drawing BL-17857, for application to 20 tenders Class 235-R-1. Each tender requires one each of the following items.

1 - 2-1/2" Special Flange Ell (No. 266)

1 - No. 1165, 2-1/2" Metallic Steam Conduit with Nos. 1165-XX and 1165-TT Insulating Jackets and Improved No. 350 - 2-1/2" Coupler.

PRICE: To be \$69.66 per Tender Set F.O.B. Delivered  
Shipment from Chicago, Ill.

BID: SPL 235-143

TERMS: 1% 10 da.

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Nov. 1st

4 Sets per Week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-143 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Tender Set 120#.

(SGD) G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

COPY

Order No. P-148-145

August 13, 1940

The Pyle National Company  
c/o H. G. Cook,  
Hobart Building,  
San Francisco, Calif.

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

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20 Locomotive and Tender Case Headlight Cases, as per Drawing CL-170.1-1, for application to 20 Locomotives Class C-4 and Tenders Class E-3-2-1. Each locomotive requires one headlight case and each tender requires one headlight case.

PRICE: To be \$118.40 per Locomotive & Tender Set F.O.B. Delivered.  
Shipment from Chicago, Ill.

FID: SPL 235-145

TERMS: 1% 10 da.

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Nov. 1st

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked "S.P.E.Co. Order No. P-148-145 Lima Locomotive Works Order No. C.O. 1152"

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive & Tender Set 115#.

(SGD) G. M. BETTERTON

Purchasing Agent.

## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O O

Leslie Company

Order No. P. 1152

Lynchburg, Va.

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets Leslie-Tyfon Air Whistles Type A-200, complete with Viloco Operating Valve, shown on Viloco Drg. 977-A, Relay Valve, and Self-Cleaning Valve, for application to 20 locomotives Class GS-4.

PRICE: To be \$106.98½ per Locomotive Set F.O.B. Delivered  
Shipment from Lynchburg, Va.

BID: SPL 230-146

TERMS: Net Cash

TAXES: Material covered by this order is to be used in the State of Ohio in transit at Lima, Ohio, of equipment sold in Interstate Commerce; therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 sets Dec. 2nd

4 sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. 2-1-2-146 20 Locomotive Sets, No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Shops, Mr. I. C. Brenckinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated Shipping Weight per Locomotive Set 110,000 lbs.

(SGD) G. M. BETTERTON

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Viloco Ry. Equipment Co., Inc.,  
611 McCormick Bldg.,  
332 So. Michigan Ave.,  
Chicago, Ill.

Order No. P-148-146-B

August 13, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets Whistle Cab Valves, Pneumatic, (for steam whistle) per Viloco Drawing 977-A, for application to 20 locomotives, Class GS-4. Each locomotive requires one valve.

PRICE: To be \$12.60 per Locomotive Set F.O.B. Delivered.  
Shipment from Benton Harbor, Mich.

BID: SPL 235-146-B TERMS: 1% 10 da.

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Dec. 2nd

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-146-B Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 5#.

(SGD) G. M. BETTERTON

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

The Symington-Gould Corp.,  
c/o H. G. Cook  
Hobart Building  
San Francisco, Calif.

Order No. P-148-147

August 15, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,  
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

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**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive and Tender Sets of Journal Box Lids for application to 20 locomotives, Class GS-4 and 20 Tenders, Class 235-R-1.

Each locomotive set to consist of the following:

2 - Trailing Truck Box Lids, complete (for 7"x14" front journals) per Drg. CL-18226-B

2 - Trailing Truck Box Lids, complete (for 9"x14" back journals) per drg. CL-18226-B

Each Tender Set to consist of the following:

12 - Tender Truck Box Lids, complete (for 7"x14" journals) per drg. DL-17907-A.

PRICE: To be \$83.30 per Locomotive and Tender Set F.O.B. Delivered  
Shipment from Rochester, N.Y.BID: SPL 235-147 TERMS: Net CashTAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Co's Inspector at the Locomotive Builder's Plant.DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Nov. 1st - 4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked "S.P.E.Co. Order No. P-148-147 Lima Locomotive Works Order No. C.O. 1152".SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.WEIGHT: Estimated shipping weight per Locomotive & Tender Set 127#.

(SCD) G. M. BETTERTON

Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Nathan Manufacturing Co.  
c/o H. G. Cook  
Hobart Bldg.  
San Francisco, Calif.

Order No. P-148-149

August 13, 1940

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.  
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

- 20 Locomotive Sets of Four-Way Oil Distributors, # 3515 for application to 20 Locomotives, Class GS-4. Each Locomotive will require six (6) Oil Distributors, as shown on drawing CL-18470- but with the following exceptions:

All oil outlets on Distributors to have adaptor, Part No. D-21185 instead of coupling nut Part No. 236 and tail piece Part No. 235. Inlets on five distributors per Locomotive Set to have adaptor, Part No. D-21185 instead of coupling nut, Part No. 236 and tail piece, Part No. 235. The sixth distributor in each set to have coupling nut No. 236 and hose nipple D-21416.

PRICE: To be \$195.00 per Locomotive Set F.O.B. Delivered  
Shipment from New York, N.Y.

BID: SPL 235-149 TERMS: 2% 15 Da.

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Dec. 2nd

4 Sets per week thereafter.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-149 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated Shipping Weight  
per Locomotive Set 96#.

(SGD) G. M. BETTERTON  
Purchasing Agent.



## SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,  
PURCHASING AGENT

C O P Y

Vapor Car Heating Co.  
c/o H. D. Donnell  
593 Market St.  
San Francisco, Calif.

Order No. P-148-148

August 13, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.  
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of No. 210 K-2 Stop Valves as illustrated on Drawing CL 16930 B. For application to 20 Locomotives Class GS-4. Each locomotive requires one Stop Valve.  
Each stop valve to be complete with 3" threaded mall. inlet, No. 239-43H outlet tail piece for 2-3/4" O.D. copper tubing, manganese bronze bonnet ring No. 210-N, and stem suitable for A.A.R. universal joint.

**PRICE:** To be \$48.78 per Locomotive Set F.O.B. Delivered  
Shipment from Chicago, Ill.

**BID:** SPL 235-148 **TERMS:** 1 1/2 10 Da.

**TAXES:** Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

**INSPECTION:** All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

**DELIVERY:** Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Dec. 2nd

4 Sets per week thereafter.

**MARKING:** For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-148 Lima Locomotive Works Order No. C.O. 1152".

**SHIPPING NOTICES:** Send in triplicate to Lima Locomotive Works, Inc., attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

**WEIGHT:** Estimated Shipping Weight  
per Locomotive Set 35#.

(SCD) G. M. BETTERTON

Purchasing Agent.